

HEINTZ & KAUFMAN LTD.  
South San Francisco  
California

TYPE HK-24G GAMMATRON  
Very High Frequency Triode

PHYSICAL DATA

Plate ..... Cylindrical Tantalum  
Grid ..... Vertical Bar Tantalum  
Filament ..... Thoriated Tungsten  
Max. Height ..... 4-3/8 Inches  
Bulb Diameter ..... 1-3/8 Inches  
Net Weight ..... 1-1/4 Ounces  
Shipping Weight ..... 1-1/4 Pounds

ELECTRICAL DATA

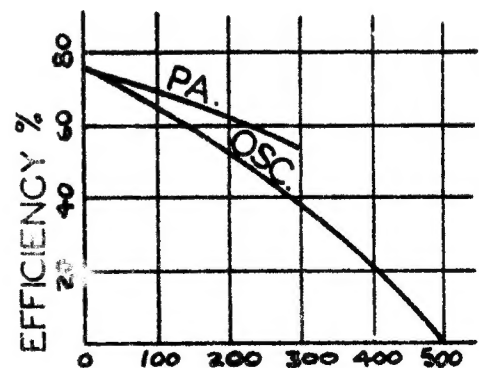
Filament Voltage ..... 6.3 Volts  
Filament Current ..... 3.0 Amps.  
Amplification Constant.. 25  
Max. Plate Dissipation.. 25 Watts  
Max. Plate Voltage ..... 2000 Volts  
Max. Plate Current ..... 75 M. A.  
Max. Grid Bias ..... -500 Volts  
Max. Grid Current ..... 25 M. A.  
Max. DC Plate Input ..... 112 Watts

INTERELECTRODE CAPACITIES

Grid-Plate..... 1.6 mmfds  
Grid-Filament..... 1.8 mmfds  
Plate-Filament..... 0.2 mmfds

UHF PERFORMANCE

(Continuous Operation Conditions)

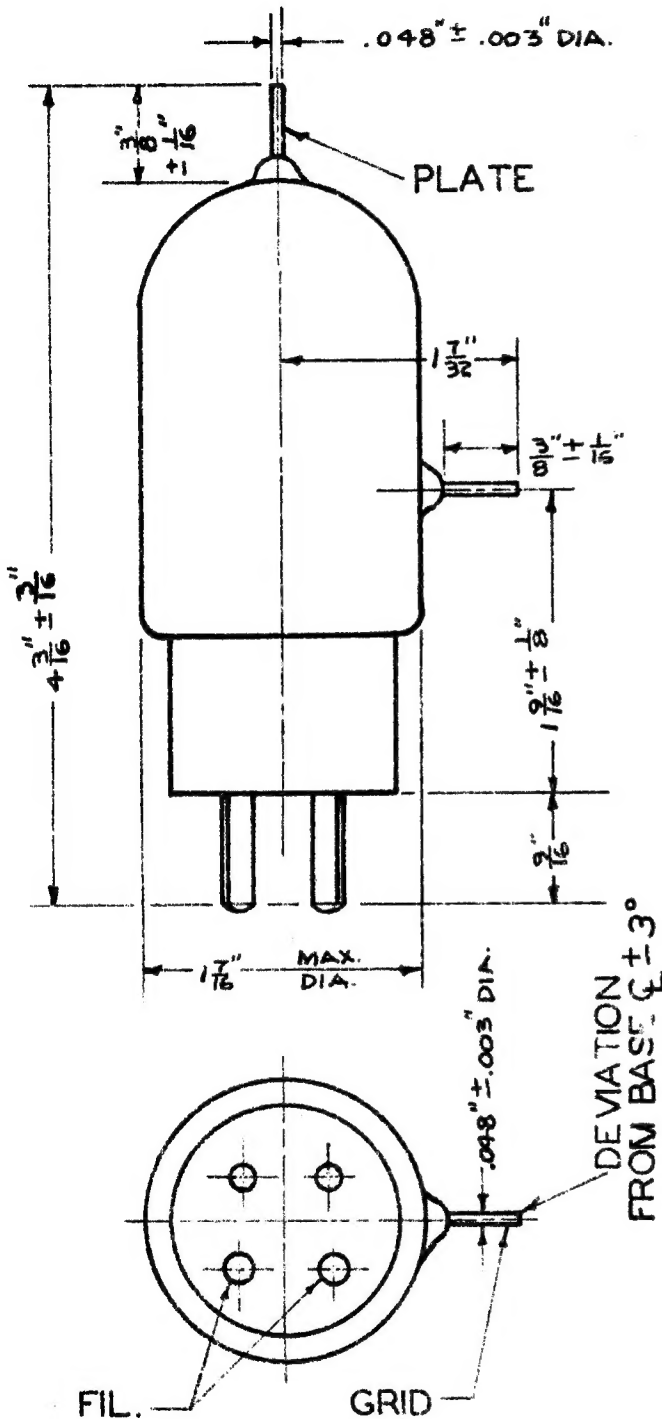


FREQUENCY MEGACYCLES

Max. Plate Input

|     | 60 | 100 | 150 | 200 | 250 | 300 mc |
|-----|----|-----|-----|-----|-----|--------|
| 112 | 88 | 80  | 70  | 61  | 55  | Watts  |
| 75  | 59 | 53  | 47  | 41  | 36  | atts   |

For characteristic curves and operating conditions see data sheet for HK-24



BOTTOM VIEW  
SMALL 4 - PIN BASE

Frequency  
RFPA Class "C" Unmodulated  
RFPA Class "C" Plate Mod.